

ABSTRACT OF THE DISCLOSURE

The present invention relates to immunogenic compositions and vaccines for the prevention or treatment of Gram negative bacterial infection. Immunogenic compositions of the invention comprise transferrin binding protein and Hsf, and the combination of these two antigens have been shown to act synergistically to produce antibodies with high activity in a serum bactericidal assay. This combination of antigens is useful for use in vaccines against *Neisseria meningitidis*, *Neisseria gonorrhoeae*, *Moraxella catarrhalis* and *Haemophilus influenzae*.